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NOTES OF THE CAMPUS

SCHOLARSHIP NIGHT

Six honor societies to which students in the College of Engineering are eligible will participate in the annual "Scholarship Night" exercises April 23 in the chapel. Dr. Arthur H. Compton, professor of physics at the University of Chicago, and co-sharer of the 1928 Nobel prize in physics, will be the speaker.

The six honor societies and the others co-operating will formally recognize the more than 200 students elected this year to membership in them on the basis of high scholarship. Prof. F. C. Caldwell, chairman of the Department of Electrical Engineering, heads the committee on arrangements for the occasion and will preside at the ceremonies.

These organizations are participating in the "Scholarship Night" program: Sigma Xi, scientific; Tau Beta Pi, engineering; Tau Sigma Delta, architecture and allied arts; Pi Mu Epsilon, mathematics; Eta Kappa Nu, electrical engineering; Phi Lambda Upsilon, chemical; Sigma Gamma Epsilon, geology; Phi Rho Alpha, pharmaceutical; Phi Upsilon Omicron, home economics; Phi Delta Kappa, educational (men); Phi Beta Kappa; Phi Alpha Theta, history fraternity; Gamma Epsilon Pi, commerce sorority; and Delta Sigma Rho, forensic.

At 35, Professor Compton is one of the distinguished scientists of the age. He is an Ohioan by birth and education. He is a native of Wooster and was graduated in 1913 from the College of Wooster.

Dr. Compton, who will speak here on "What Things Are Made Of," is the discoverer of what is known in physics as the "Compton effect," which is described as tending to prove that light is a material substance and that it does not travel in waves. Wooster honored him last November with the honorary degree of Doctor of Science and on December 10 in Stockholm he received at the hands of King Gustav of Sweden the Nobel award.

The "Scholarship Night" program will be held in the chapel.

DEPARTMENT OF ELECTRICAL ENGINEERING

Dr. E. J. Berg, professor of electrical engineering at Union College, Schenectady, N. Y., is to give an important lecture here under the auspices of the Graduate School and the Ohio State University branch of the American Institute of Electrical Engineers. The lecture is to be given Friday evening, April 27, at 8 o'clock, and will be preceded by a dinner at Pomerene Hall. The lecture is to be on Steinmetz and Heaviside. Steinmetz's name is a familiar one in the electrical world. Heaviside, a noted English mathematician and scientist was a sort of hermit and is a

very interesting man. Dr. Berg is one of the few men who became intimately acquainted with Mr. Heaviside. Dr. Berg will also give two conference lectures on Heaviside's Operational Calculus, Friday afternoon and Saturday morning.

The regional meeting of the American Institute of Electrical Engineers is to be held at Baltimore, Md., on April 17-20. It is to be a conference of the university branches. Professor F. C. Caldwell and Mr. R. H. Spry, Engr. 3, will represent the Ohio State University branch.

Through H. L. Kneisly, '11, and G. J. Johns, '24, a very interesting motor built in 1893 has been contributed to the museum of the Department of Electrical Engineering by the Associated Gas & Electric System of Oneonta, N. Y. The motor was one of the first to be built by the General Electric Company.

THE OHIO STATE RADIO CLUB

With the completion of the new operating room on Neil Ave., near Woodruff, the Ohio State Radio Club will move into new quarters. The club, consisting of amateur radio operators of the university has maintained a clubroom and operating room on Frambes Ave. for the past two years and has maintained contact with practically all countries of the world, communication being carried on consistently with amateurs in England, France, Belgium, Holland, Italy, Australia and New Zealand. A new 250 watt crystal controlled transmitter operating on 40 meters is to be installed in the new quarters.

The purpose of the Ohio State Radio Club is to maintain an organization of licensed radio operators to promote the development of short wave radio communication. Membership in the club is open to any University student who is, or who has been a licensed operator, or to any student who has a sincere interest in short wave radio telegraphy. Code classes are conducted for the benefit of unlicensed members preparatory to examinations for licenses.

The officers of the club are: A. A. Roetken, President; E. S. Heck, Vice President; E. J. Anderson, Secretary and Treasurer. Any of these men will be interested in talking to any student relative to membership in the club. The club meetings are held every Monday evening at 8:00 P. M. More information about the club will be gladly given to any one at the club room or in room No. 112, Communication Laboratory.

DEPARTMENT OF CIVIL ENGINEERING

Professor Clyde T. Morris was in Pittsburgh March 1 attending the meeting of the Committee on Research of the American Society of Civil Engineers. This committee of which Professor Morris is a member consists of 7 members, leading educators and engineers throughout the country.

CODE OF ETHICS CONTEST

The Ohio State Student Branch of the American Society of Civil Engineers is now sponsoring a contest to decide upon a suitable code of ethics which will be adopted by the local branch and introduced to the National Society for adoption by the student societies in other schools.

All eligible men are urged to submit a code according to the following rules established by the Contest Committee.

1. *Title:*

A CODE OF ETHICS
AMERICAN SOCIETY OF CIVIL ENGINEERING
Student Branch
Ohio State University

2. *Body:*

I. Enumerate, then define concisely—not more than two hundred (200) words—from six (6) to ten (10) ethical principles that can be used to guide the activities and policy of the Student Branch of the American Society of Civil Engineers at the Ohio State University.

II. Consider such points as: (a) qualifications; (b) duties; (c) characteristics; (d) standards; (e) objective; (f) relations; and (g) conduct of all Civil Engineering students.

3. *General Directions:*

- Use 8½" by 11" white paper of good quality.
- Letter, or type (double space) using only one side of the paper.
- Inclose, sealed in official envelope, unfolded, with the name of the author on the flap in the space provided.
- Do not put your name any place on your paper.
- Place envelopes through door slot in Room 108, Brown Hall.
- All papers must be in not later than 4 P. M. Friday, April 20, 1928.

4. *Eligibility:*

All students registered in the Departments of Civil and Architectural Engineering are eligible to compete.

5. *Basis for Judging:*

- Display and layout.
- Originality.
- Definiteness.
- Practicability.
- English.
- Conformity to specifications.

6. *Judges:*

Prof. Clyde T. Morris.
Prof. S. A. Harbarger.
Mr. John M. Weed.

7. *Awards:*

1st Prize—Set of five Payzant Lettering Pens.
2nd Prize—Alteneider Ruling Pen.

- After the paper has been submitted it will become the property of the Student Branch of the American Society of Civil Engineers at the Ohio State University, and will not be returned to the author.

The Society reserves the right to reject any or all papers.

APRIL, 1928

DEPARTMENT OF INDUSTRIAL ENGINEERING

The Society of Student Industrial Engineers held a dinner meeting on March 6. The main speaker of the evening was Mr. H. Redhead, president of the Columbus Malleable Iron Company. The processing, fabricating, and use of malleable iron was the topic of his talk.

At this meeting Professor John Younger, chairman of the department of Industrial Engineering presented Ray Q. Armington, retiring president of the society, a silver loving cup for being the most representative student scholastically and actively in the society.

New officers for the coming year were also elected: Jake Lane, I. E. 3, president; Lloyd S. Highley, I. E. 3, senior representative on the Engineers Council, vice-president; Walter Galloway, secretary; Bruce Rogers, treasurer; Howard Allison, junior representative to Engineers Council; Jack Sturtevant, intramural representative.

The Junior and Senior Industrial Engineers will be on an inspection trip between April 29 and May 5. Hotel Sinton at Cincinnati will be their headquarters. Among the plants to be visited will be the Cincinnati Milling Machine Company, The Proctor & Gamble Company, and The Nash Tailoring Company.

Mr. J. A. Foust and Mr. O. D. Rickly, instructors, are on leave of absence this quarter. Professor W. A. Knight is back on the job this quarter.

Mr. U. W. Denman, instructor, has a Nash roadster but uses it on Saturday only. The rest of the week he "bums in" with his numerous friends. The reason for this is the lack of a parking permit and officer Bill North is too busy on Saturday to get around to tag him. The car is popularly known as the Saturday morning car. Get busy Bill.

DEPARTMENT OF MECHANICAL ENGINEERING

At a recent meeting of the Student Branch of the American Society of Mechanical Engineers the following officers were elected for the spring quarter:

J. R. Balder, President; H. H. Evans, Vice President; G. A. Patterson, Secretary; J. H. Davis, Treasurer.

At the first meeting of the spring quarter a debate was staged on the question, "Resolved that it is better for the young engineering graduate to enter the employ of a small rather than a large company." Price and Riley took the affirmative and Shriver and Henning took the negative. The debate though necessarily short was very interesting. It is a question which has been uppermost in the minds of the seniors for some time and the points brought out furnished food for more thought. The judges decided in favor of the negative. They seemed to have the best proof as well as a wider field of contentions.

Professor K. W. Stinson and Mr. C. P. Roberts have recently completed the building of a new variable compression engine with overhead cam shaft. The engine was designed by them and has already been put in use to test for the anti-knock values of various gasolines.